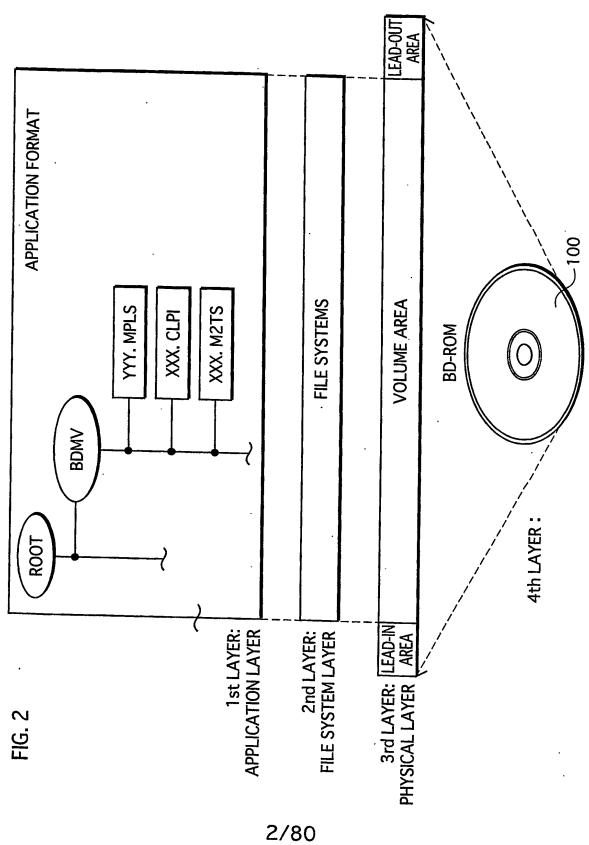
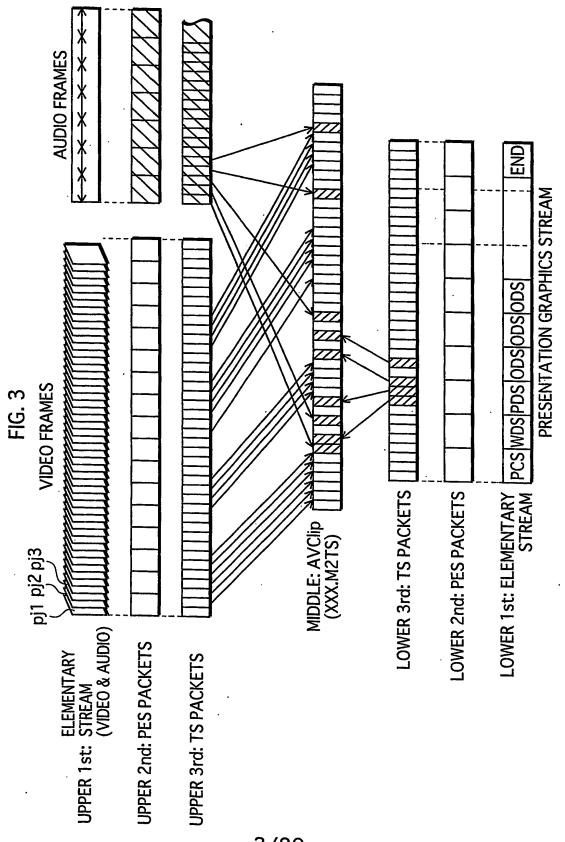
FIG. 1

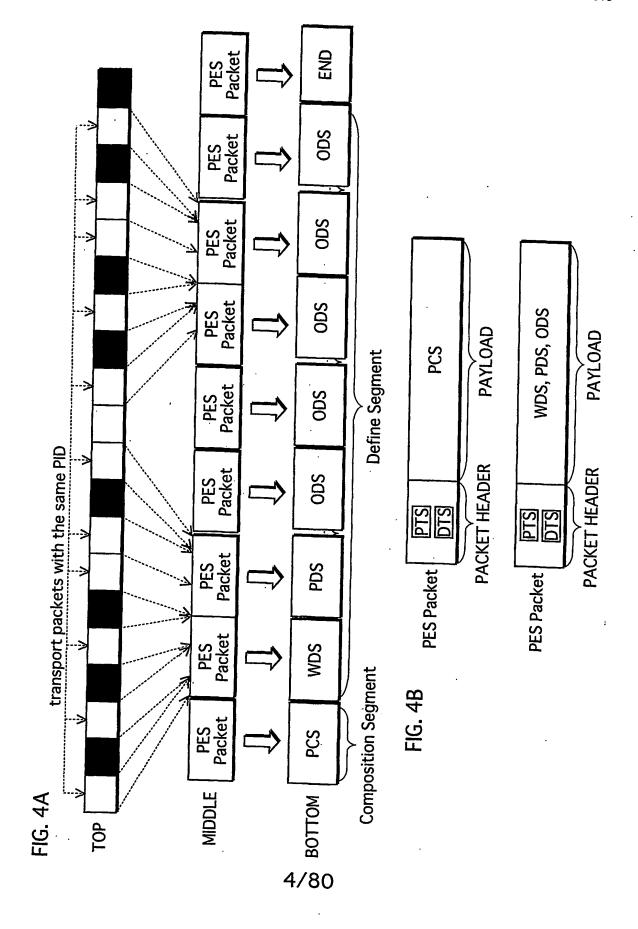
BD-ROM

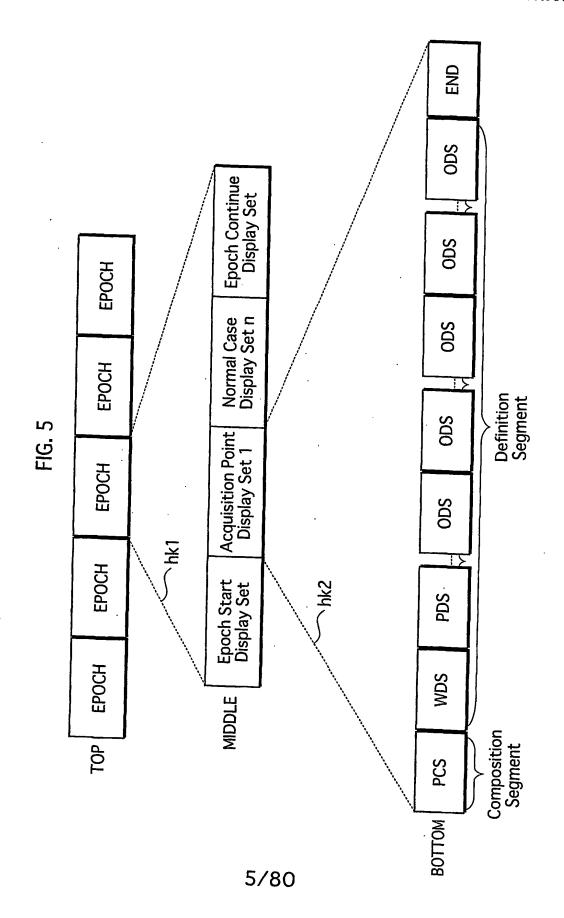
100

400









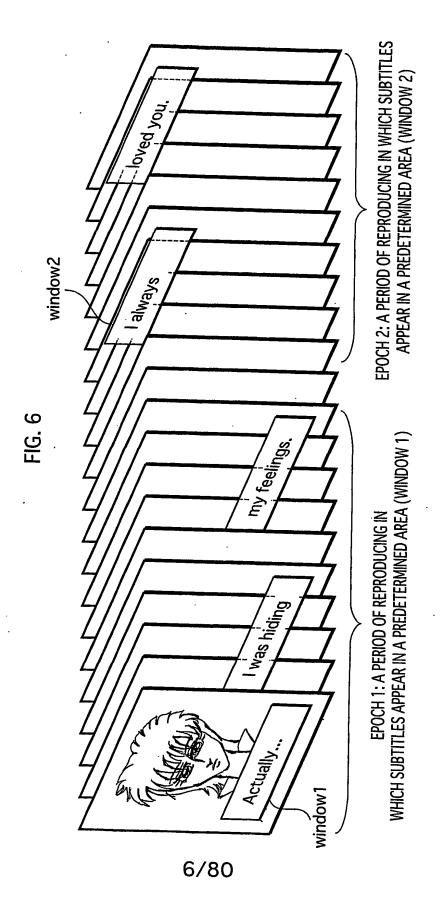
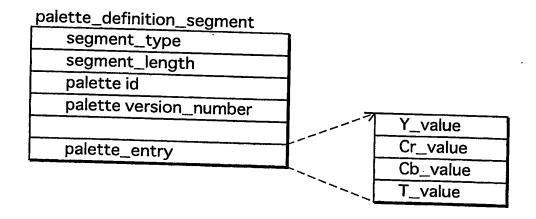
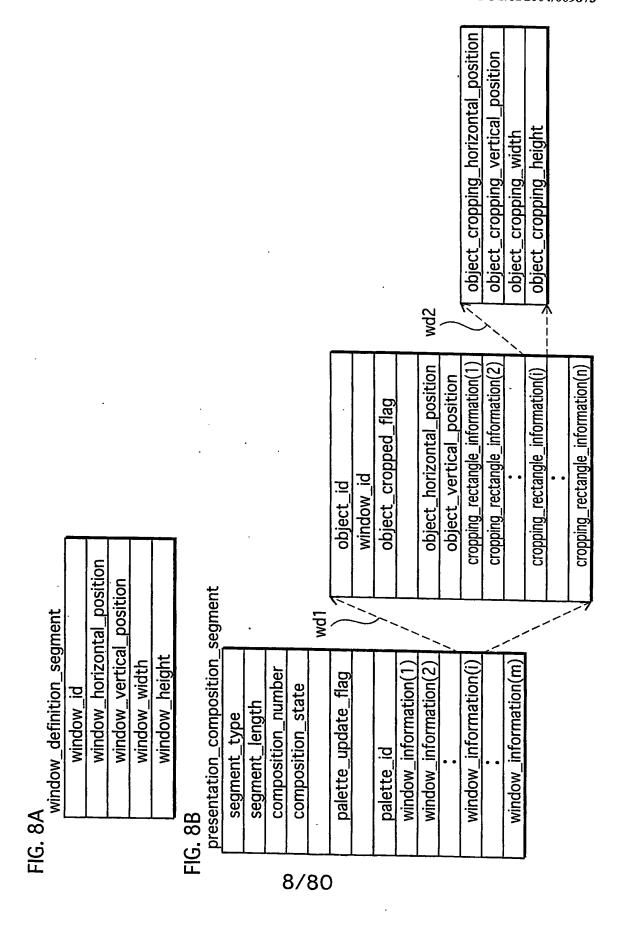


FIG. 7A

object_definition_segment	
segment_type	7
segment_length	-
object_id	
object_version_number	·
last in sequence flag	1
object_data_fragment	COMPRESSED GRAPHICS OBJECT

FIG. 7B





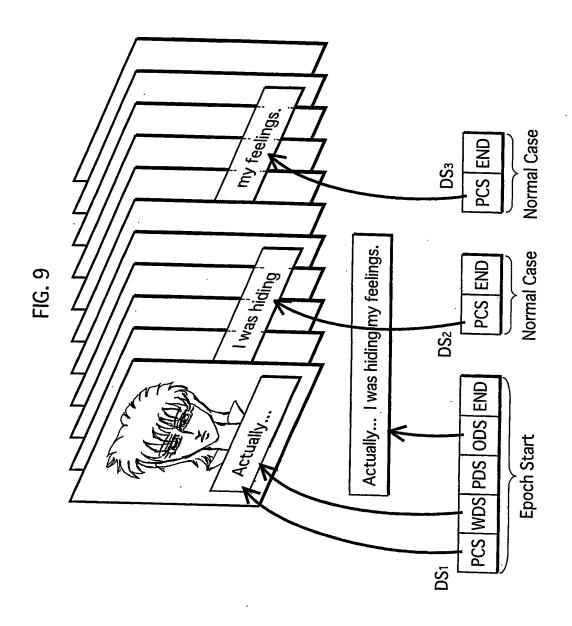


FIG. 10

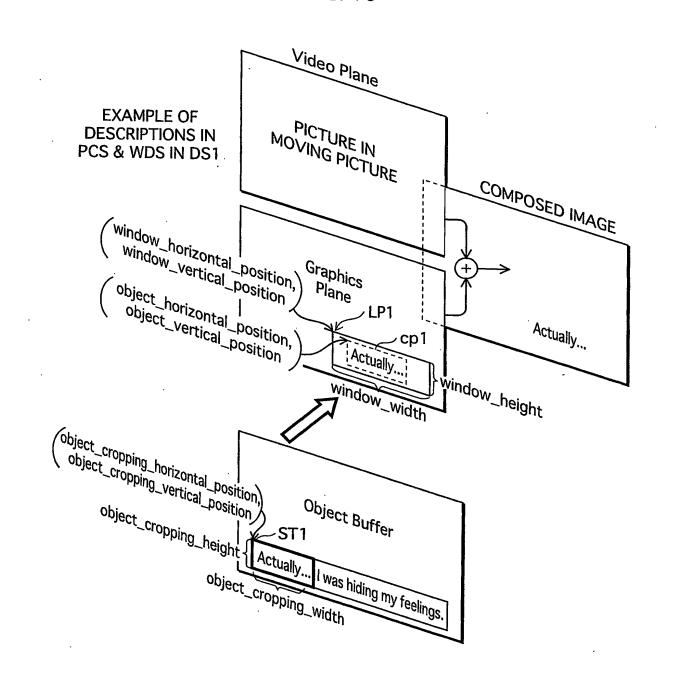


FIG. 11

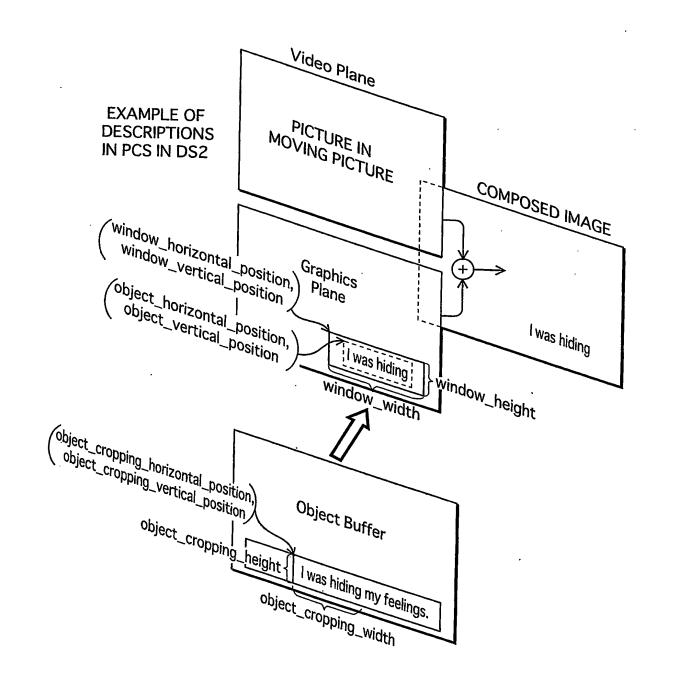
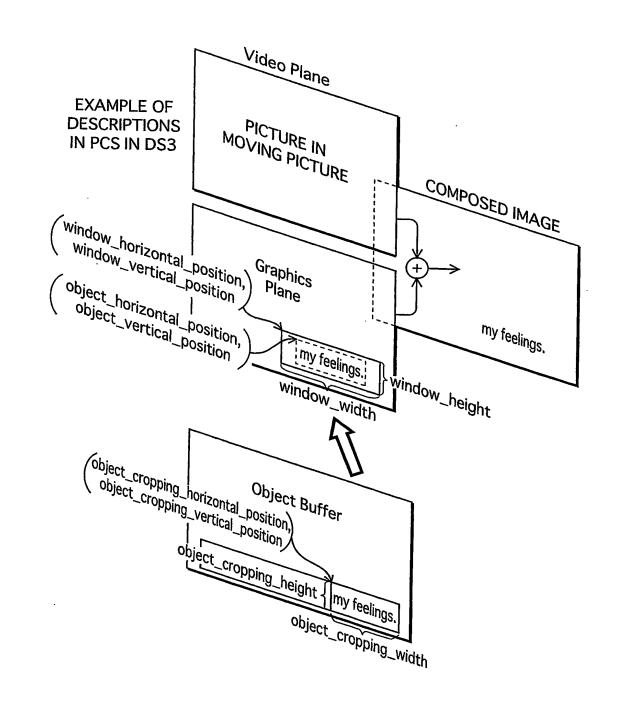
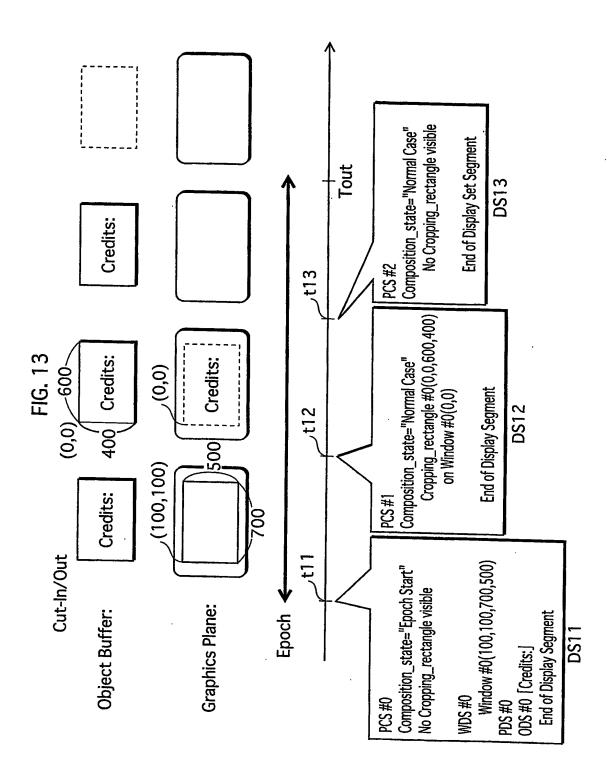
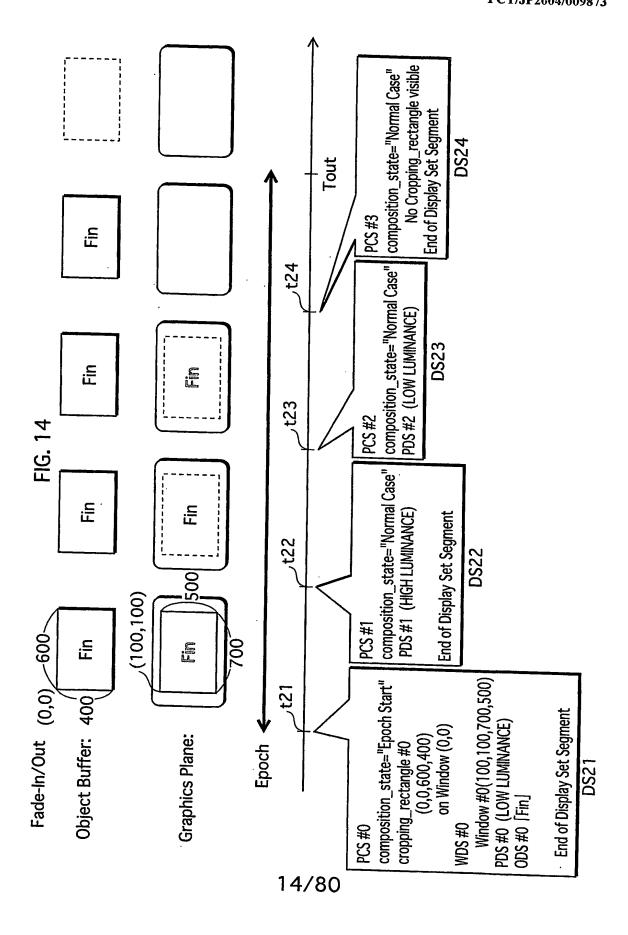
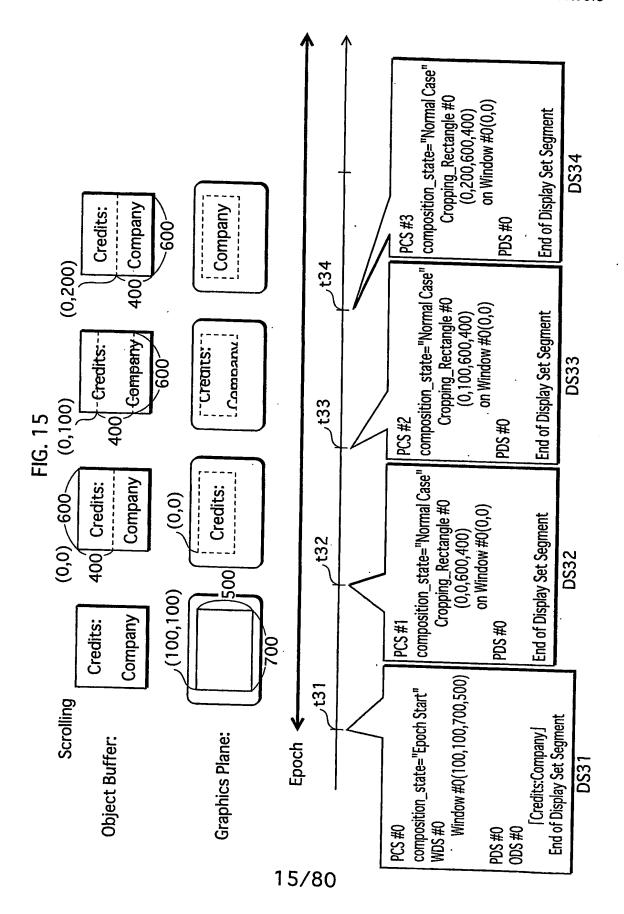


FIG. 12









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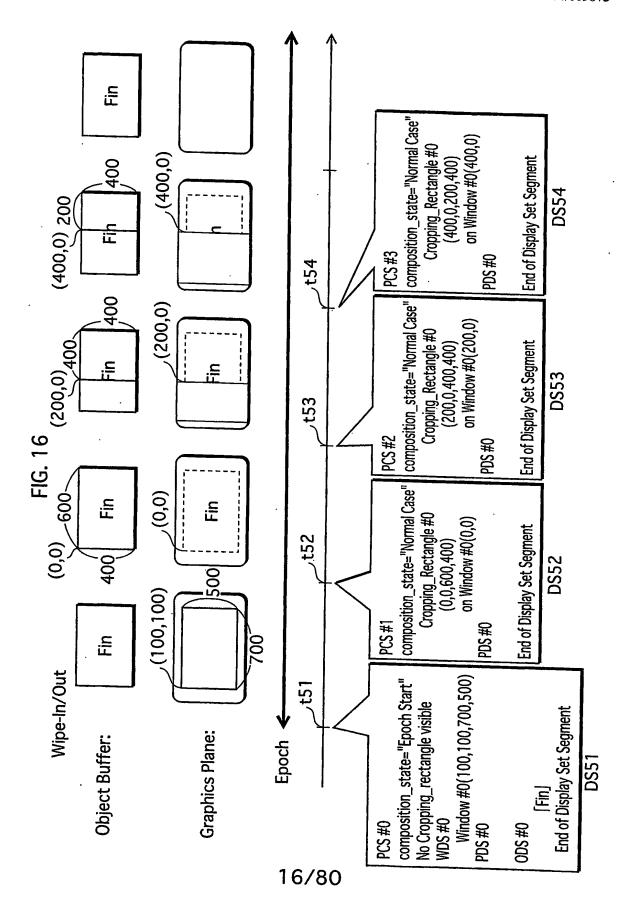
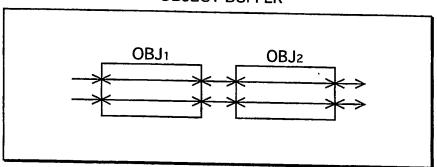
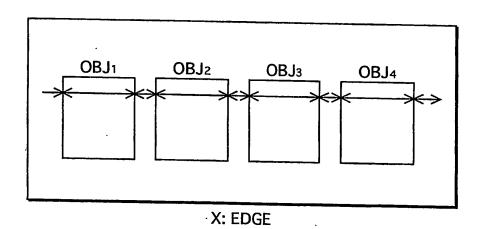


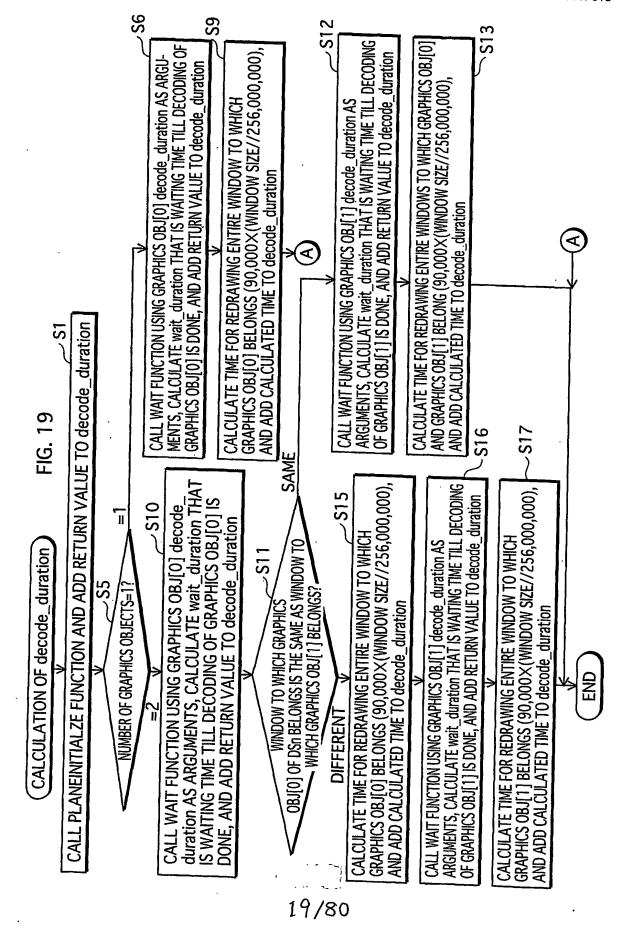
FIG. 17

OBJECT BUFFER





```
FIG. 18 PTS( DSn[PCS)] >=DTS( DSn[PCS] )+DECODEDURATION( DSn )
        DECODEDURATION( DSn ) is calculated as follows:
    decode_duration = 0:
    decode_duration += PLANEINITIALIZATIONTIME( DSn );
    if( DSn. PCS. num_of_objects == 2 )
        decode_duration += WAIT( DSn, DSn. PCS. OBJ[0], decode_duration );
        if(DSn. PCS. OBJ[0]. window_id == DSn. PCS. OBJ[1]. window_id)
                decode_duration += WAIT( DSn, DSn. PCS. OBJ[1], decode_duration );
                decode_duration += 90000*( SÍZE( DSn. PCS. OBJ[0]. window_id)//256*10<sup>6</sup>);
        else
                decode_duration += 90000*(SIZE(DSn. PCS. OBJ[0]. window_id)//256*10^6);
                decode_duration += WAIT( DSn, DSn. PCS. OBJ[1], decode_duration);
                decode_duration += 90000*(SIZE(DSn. PCS. OBJ[1]. window_id)//256*10^6);
    else if( DSn. PCS. num_of_objects ==1 )
        decode_duration += WAIT( DSn, DSn. PCS. OBJ[0], decode_duration );
       decode_duration += 90000*(SIZE(DSn. PCS. OBJ[0]. window_id)//256*10^6);
    return decode_duration;
       PLANEINITIALIZATIONTIME( DSn ) is calculated as follows:
    initialize duration=0:
    if( DSn. PCS. composition_state= = EPOCH_START )
      initialize_duration = 90000*( 8*video_width*video_height//256*106);
    else
       for(i=0; i < WDS. num_windows; i++)
               if( EMPTY(DSn.WDS.WIN[i],DSn ) )
                     initialize_duration += 90000*(SIZE(DSn. WDS. WIN[i])//256*10^6);
   return initialize_duration:
       WAIT( DSn, OBJ, current_duration ) is calculated as follows:
   wait_duration = 0:
   if(EXISTS(OBJ. object_id, DSn))
       object_definition_ready_time = PTS( GET( OBJ. object_id. DSn ) );
       current_time = DTS( DSn. PCS )+current_duration;
       if( current_time < object_definition_ready_time )</pre>
              wait_duration += object_definition_ready_time - current_time );
   return wait_duration;
```



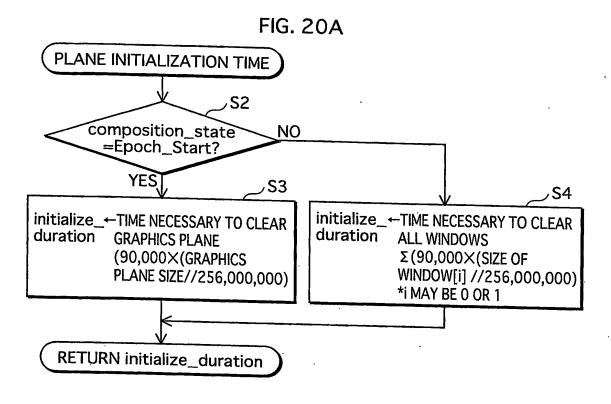


FIG. 20B

WAIT FUNCTION
ARGUMENTS: OBJ[i], current_duration

object_definition_ready_time ← PTS IN OBJ[i]

current_time ← DTS IN PCS + current_duration

S7

NO

object_definition_ready_time
?

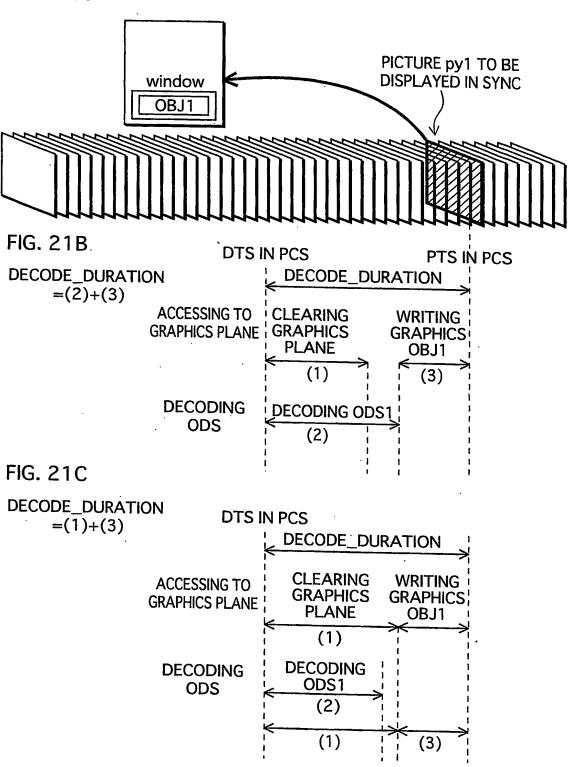
YES

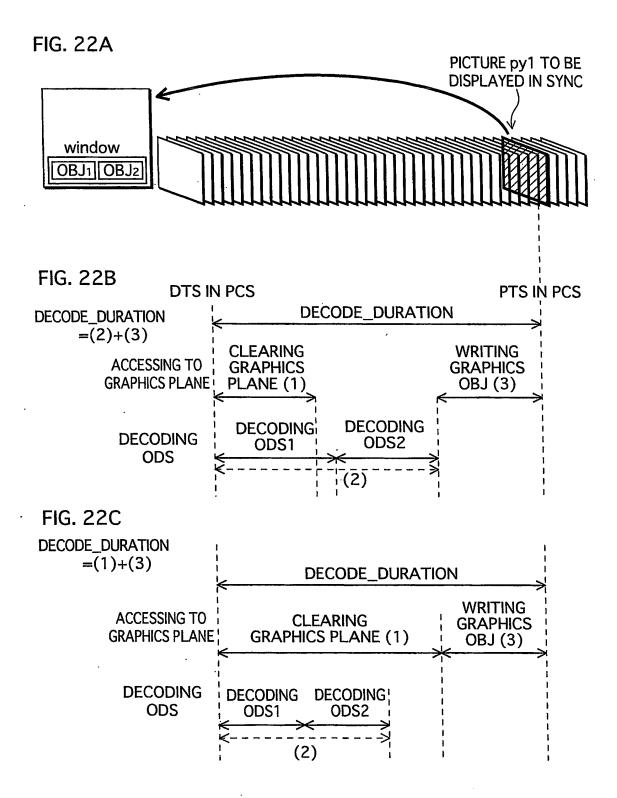
wait_duration←
object_definition_ready_time-current_time

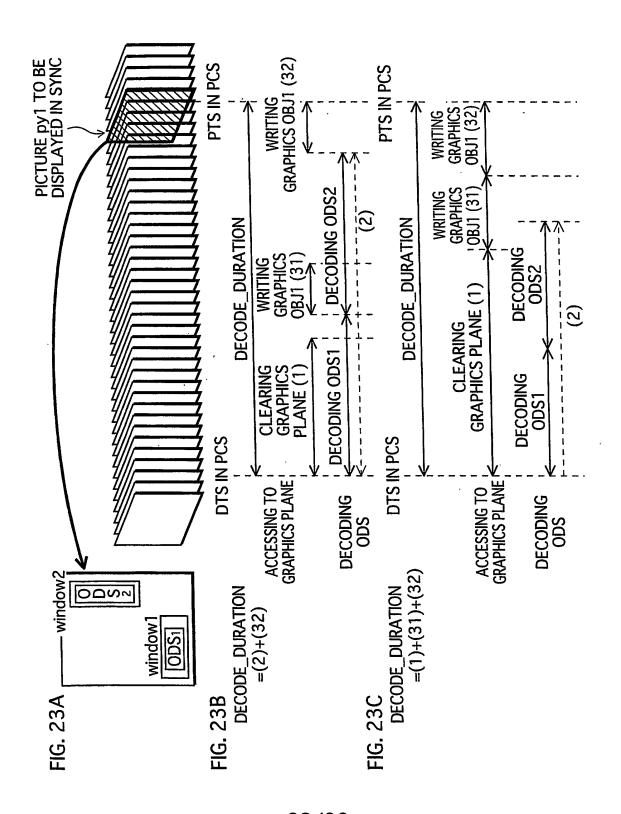
RETURN wait_duration

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FIG. 21A

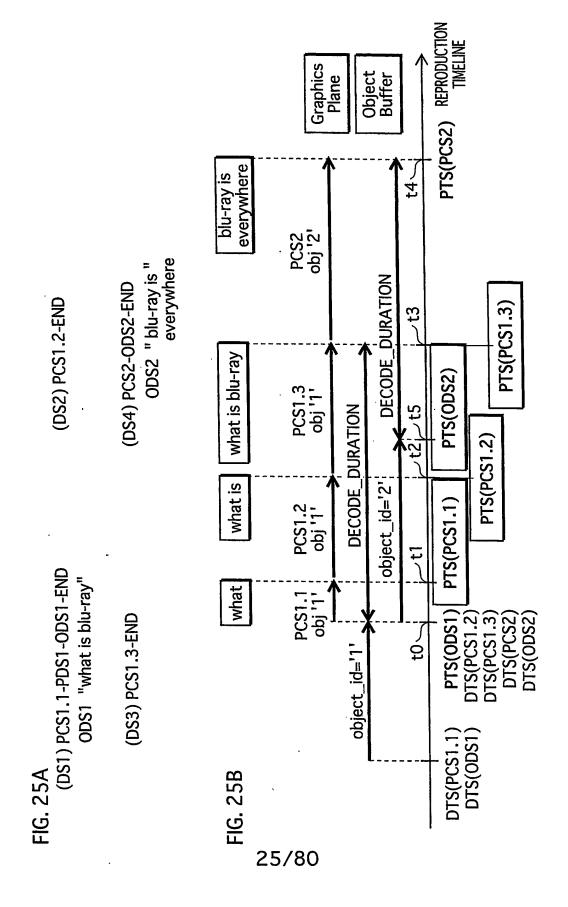


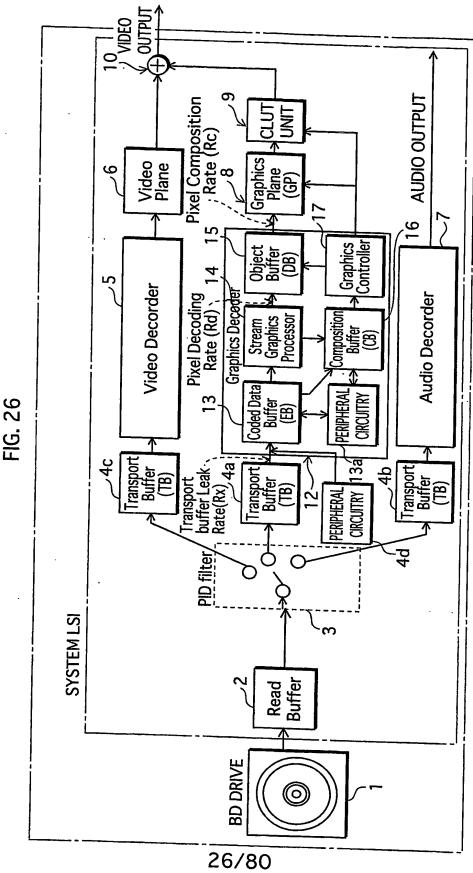




· what is blu-ray FIG. 24 -t1 REPRODUCTION TIMELINE

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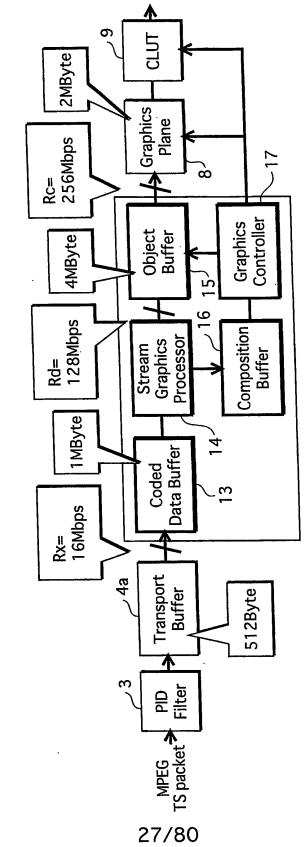
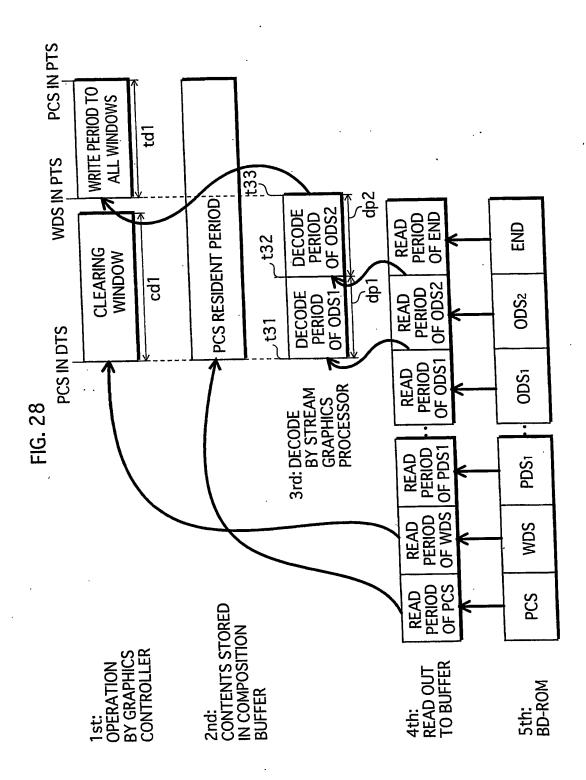
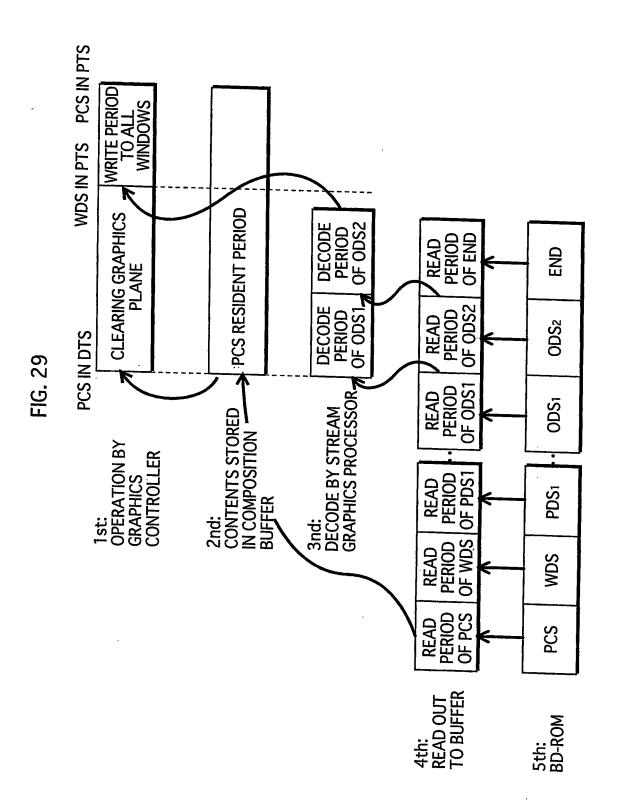
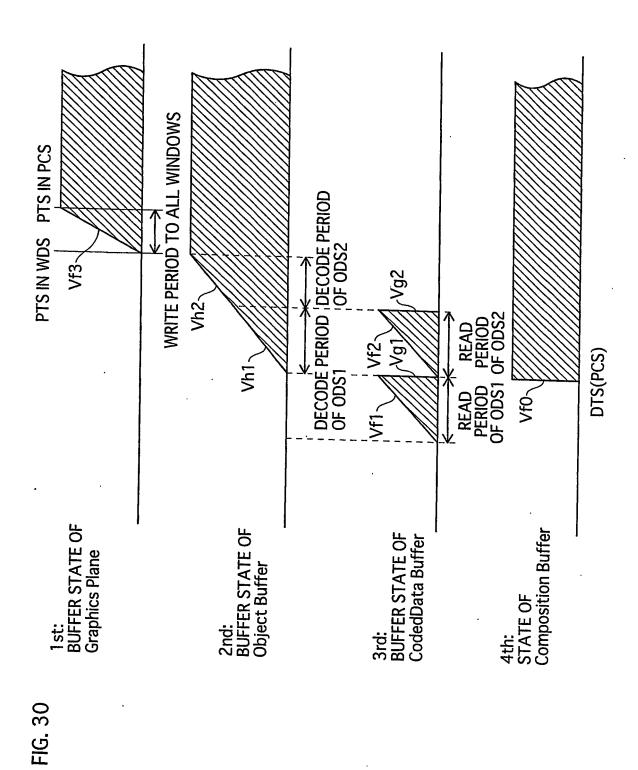


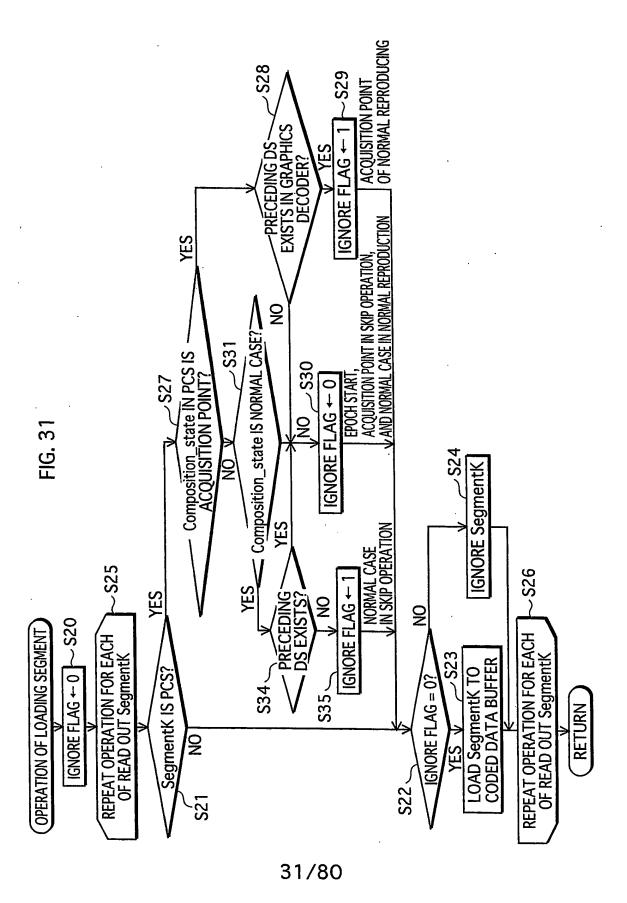
FIG. 27

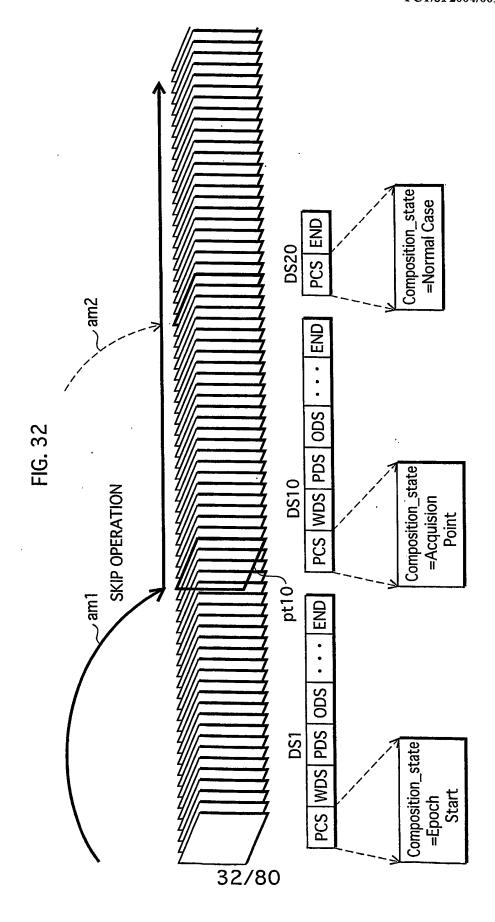


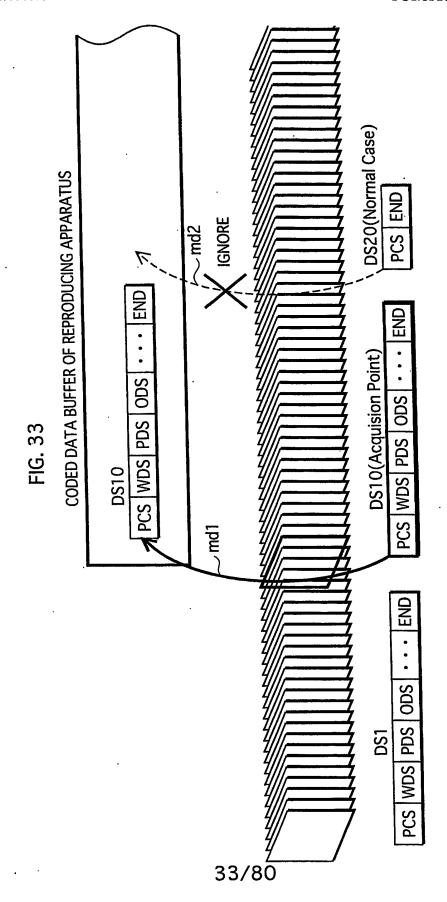




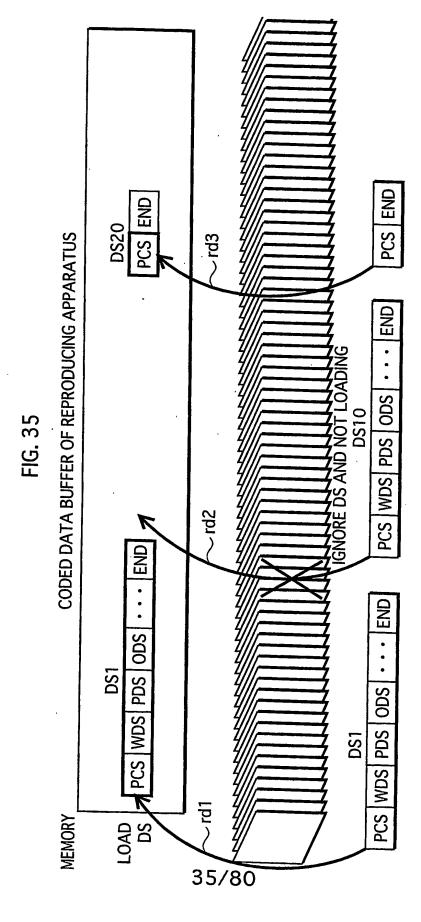
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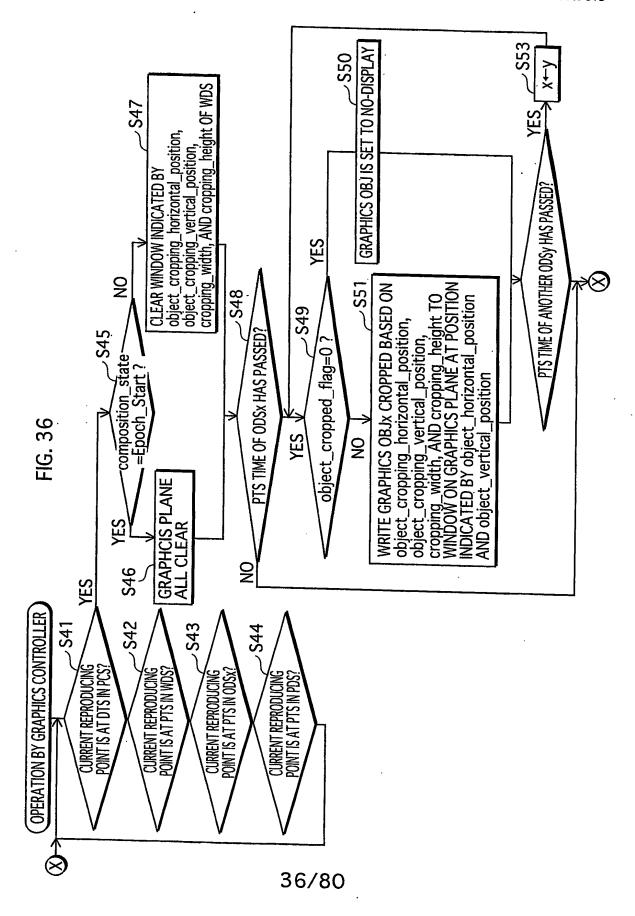


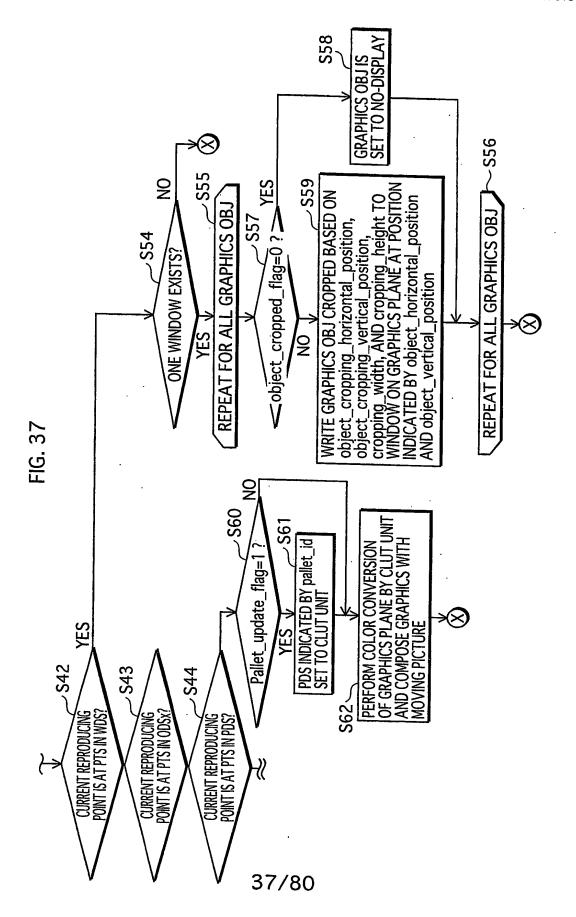




Composition_state =Normal Case **DS20** PCS END NORMAL REPRODUCTION FIG. 34 SGO WDS PDS Composition_state **DS10** =Acquision Point PCS END ODS PDS DS1 Composition_state PCS | WDS =Epoch Start 34/80







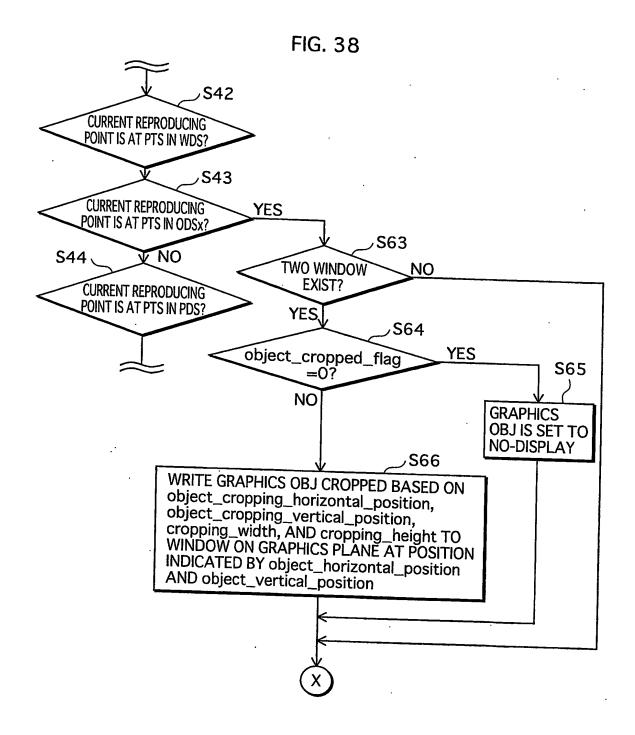
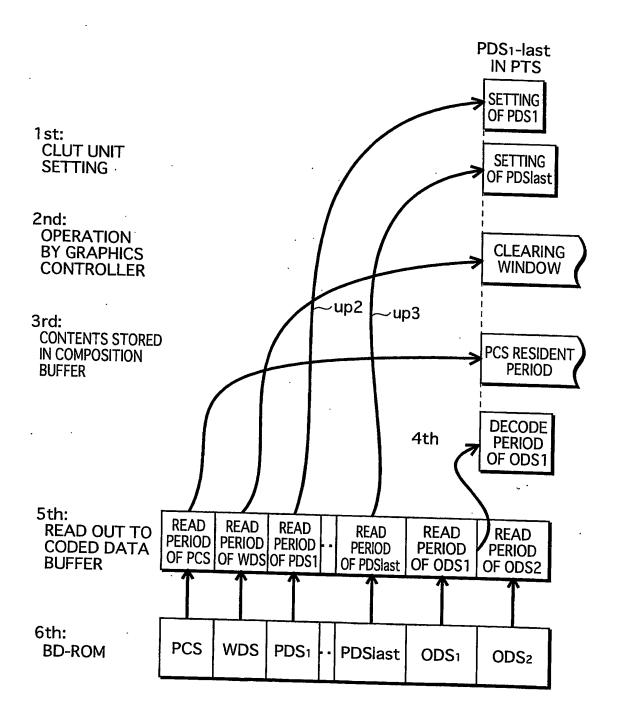
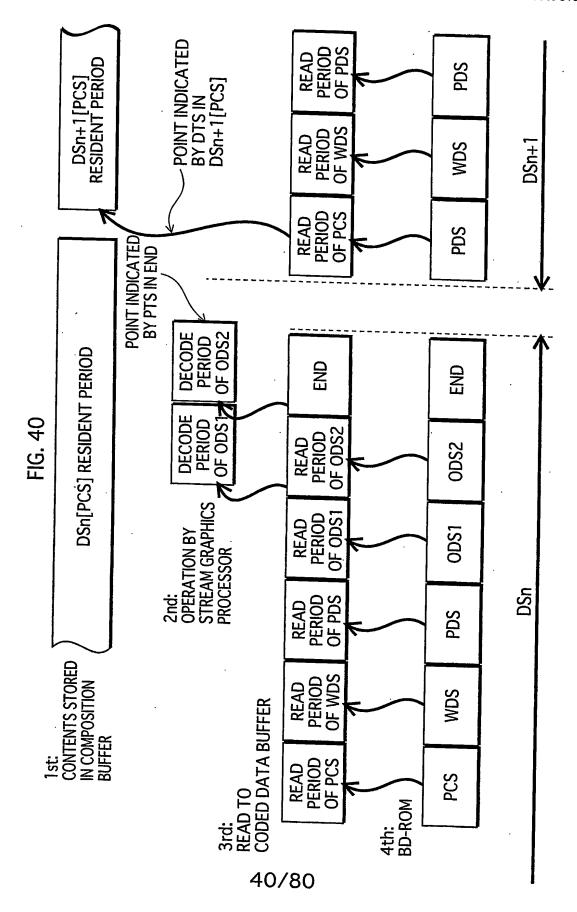


FIG. 39



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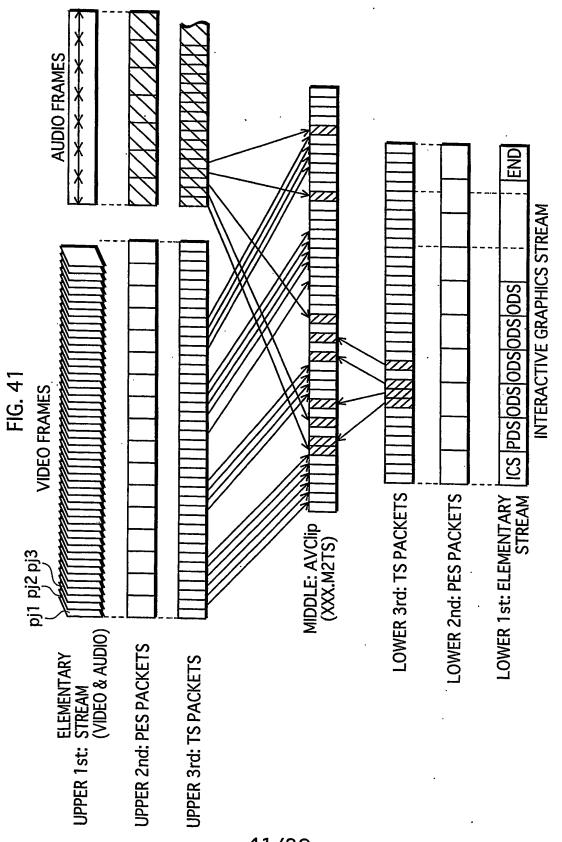


FIG.42A

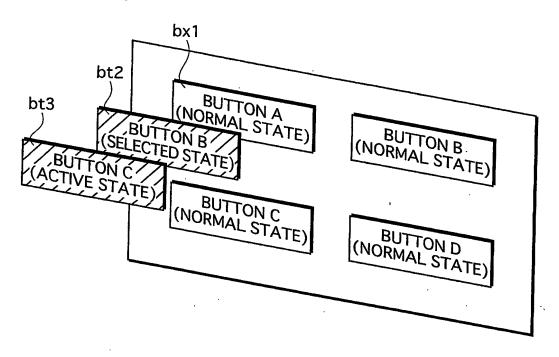
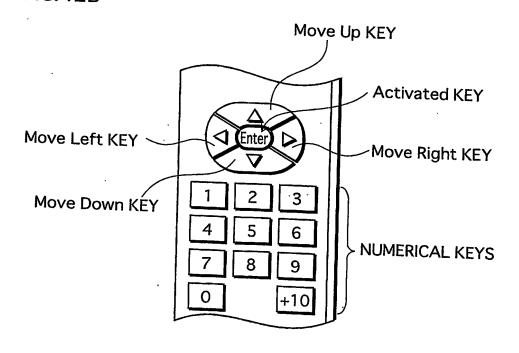
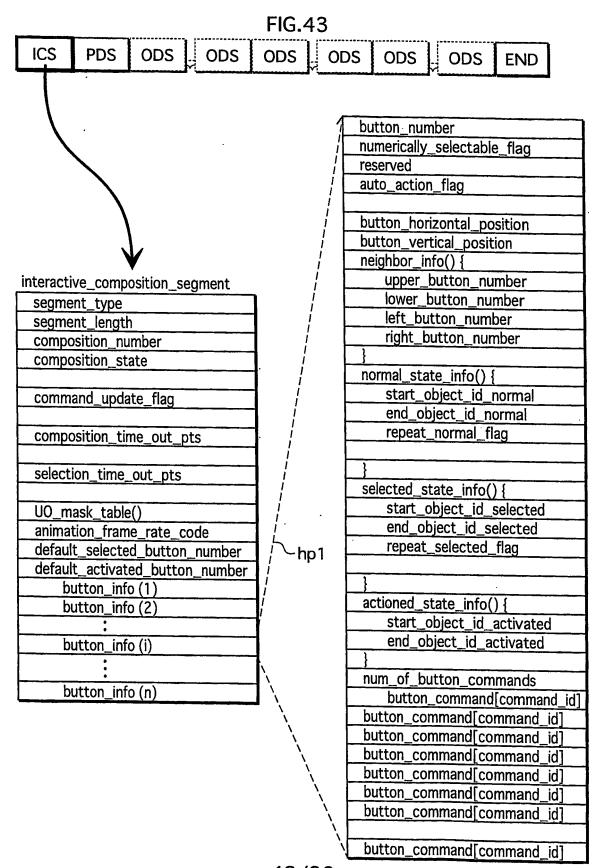
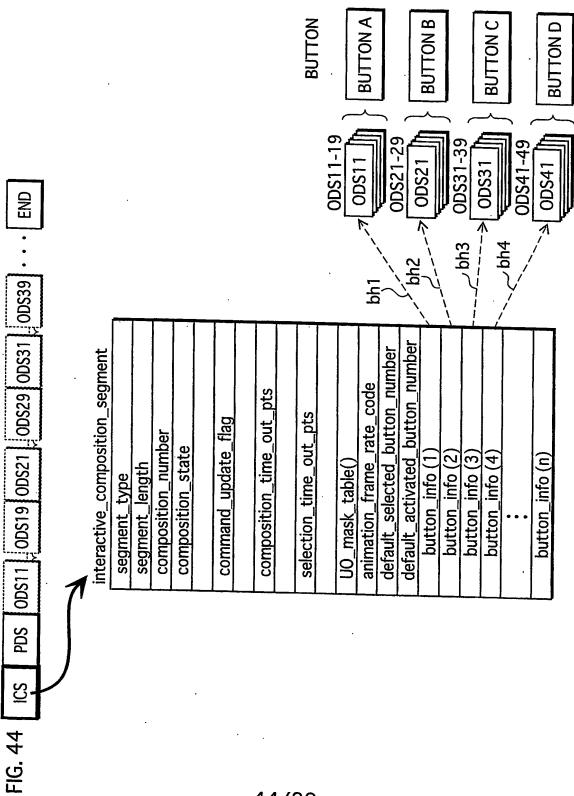


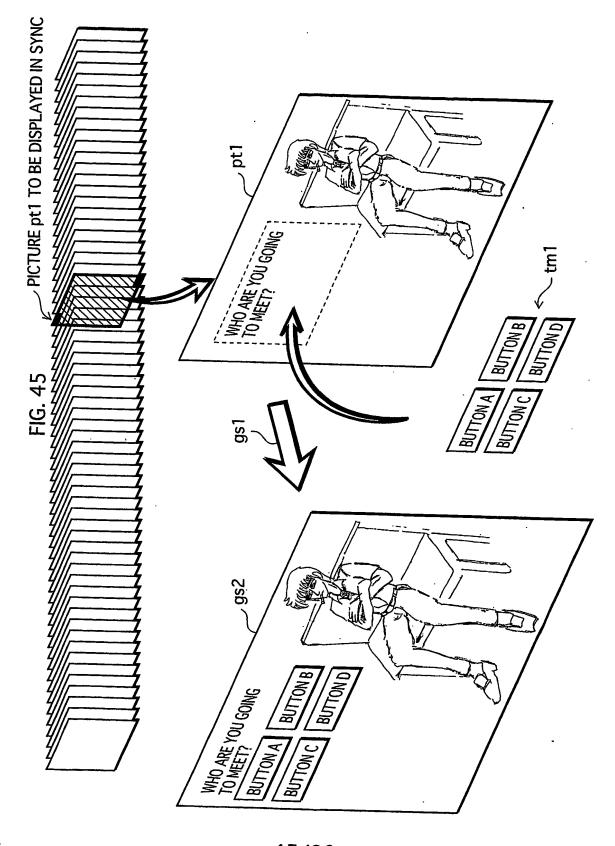
FIG.42B





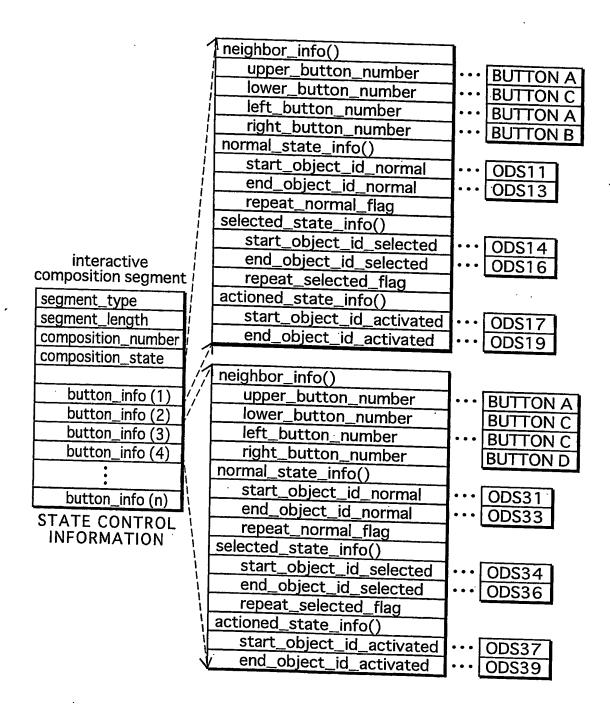
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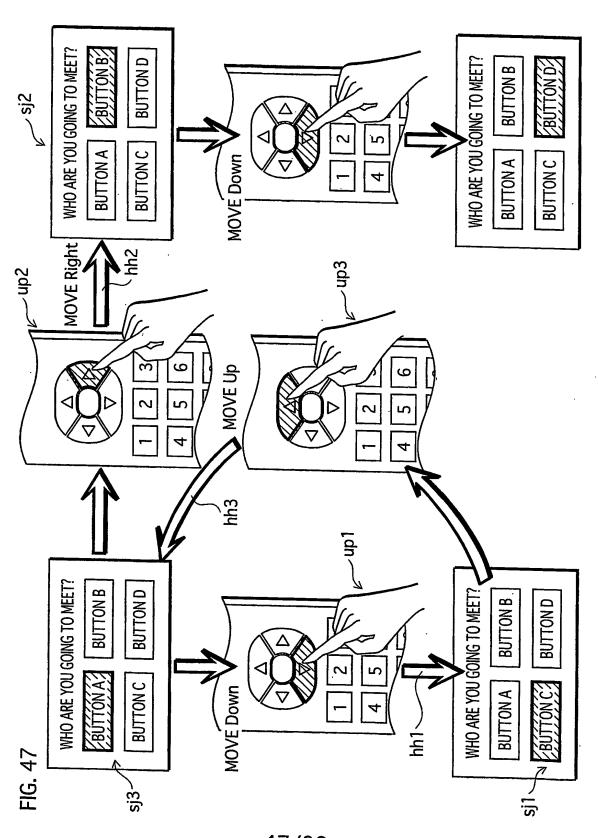


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FIG.46



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FIG.48

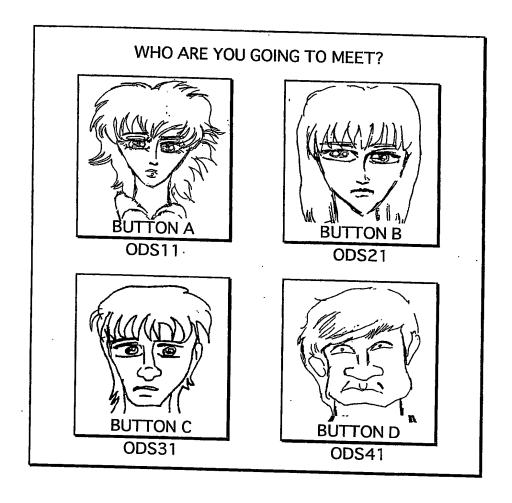
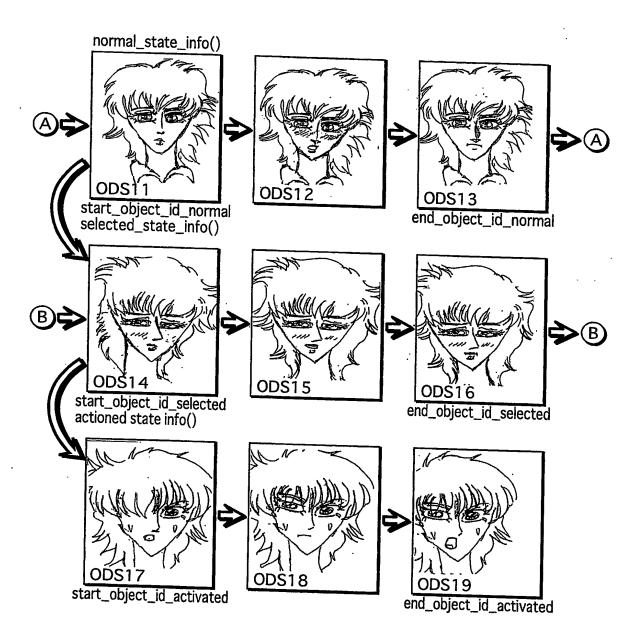
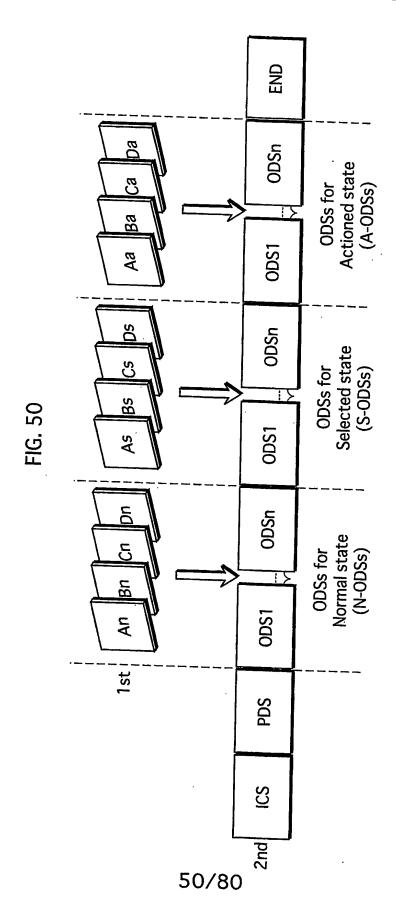
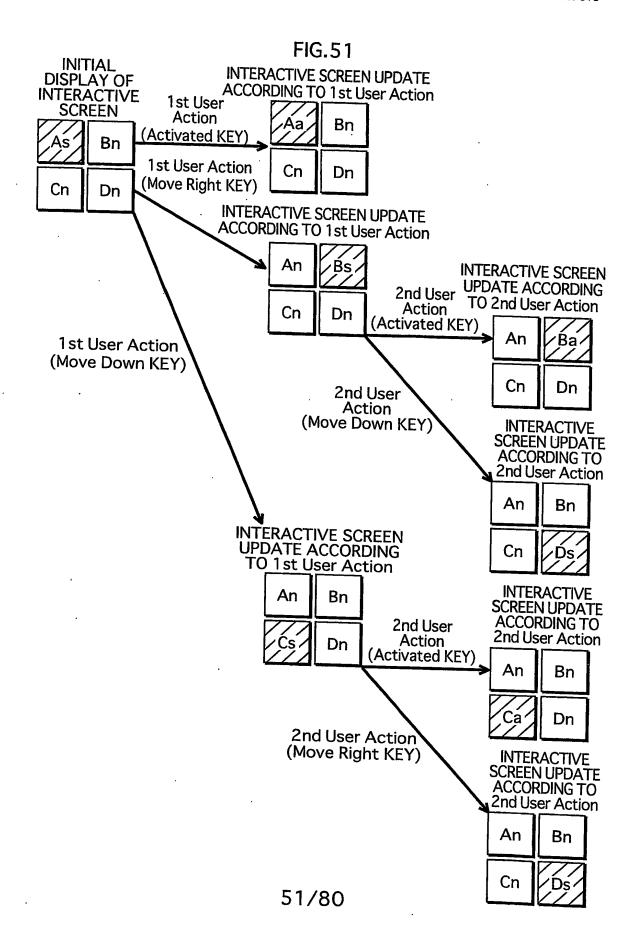
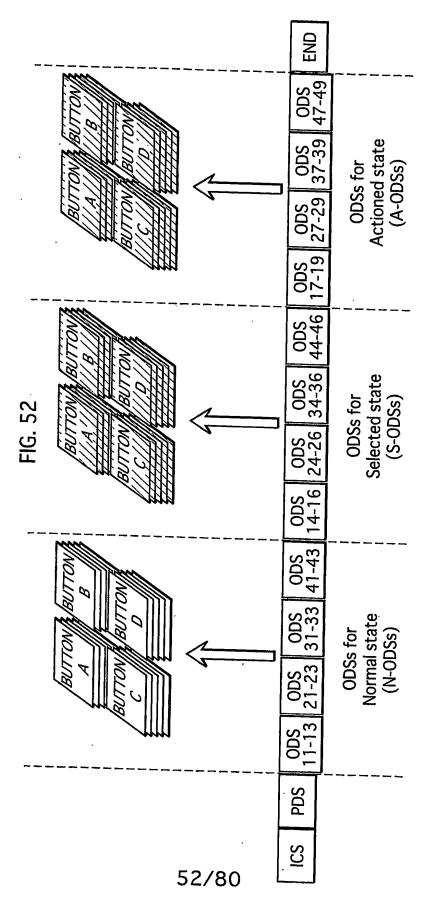


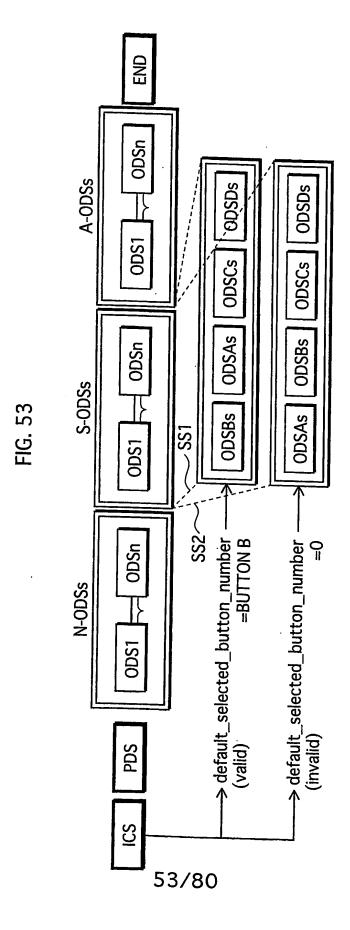
FIG.49



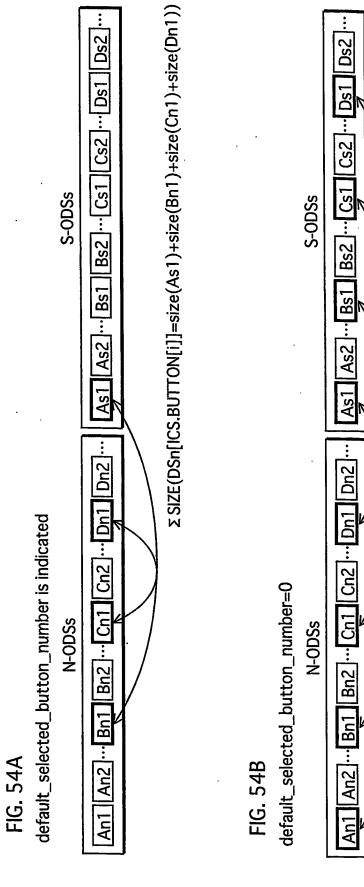




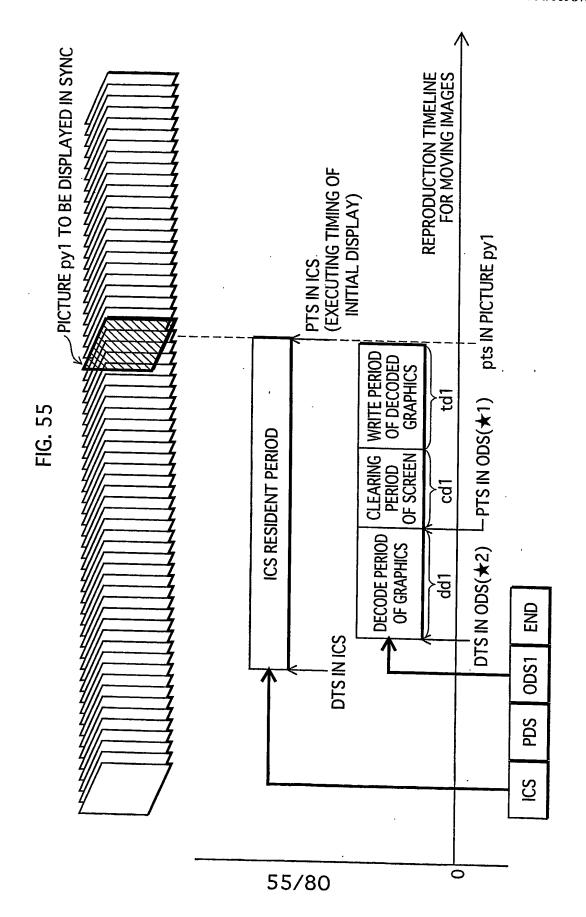


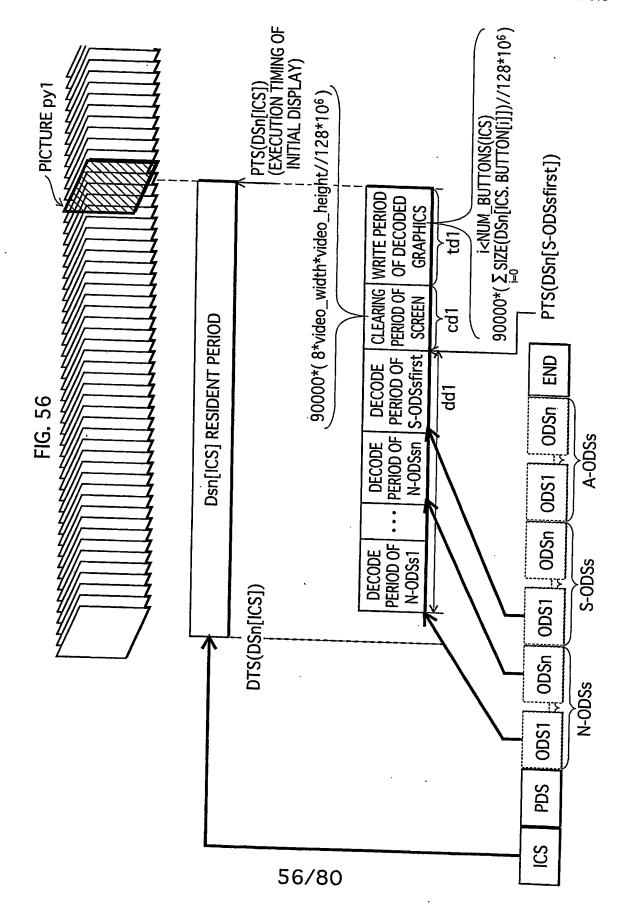


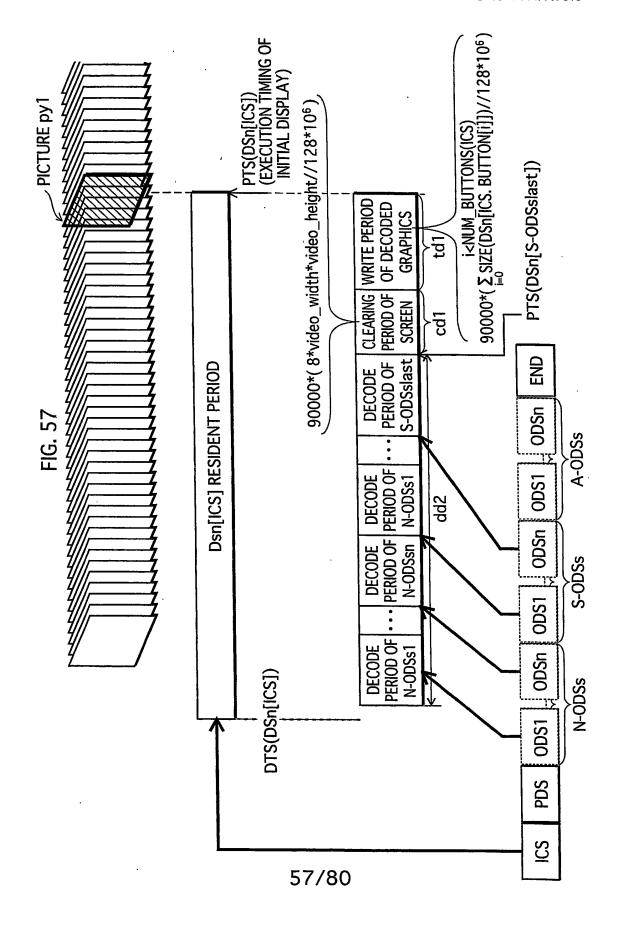
+max(size(Dn1),size(Ds1))

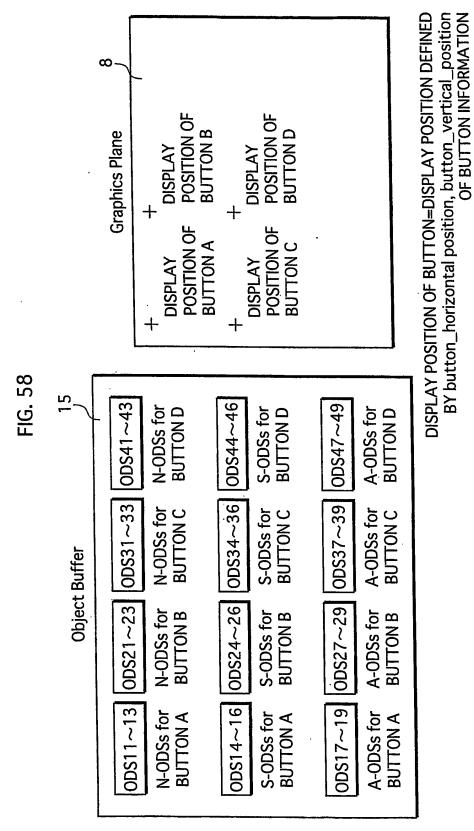


+max(size(Cn1),size(Cs1)) +max(size(Bn1),size(Bs1)) SIZE(DSn[ICS.BUTTON[i]]=max(size(An1),size(As1))

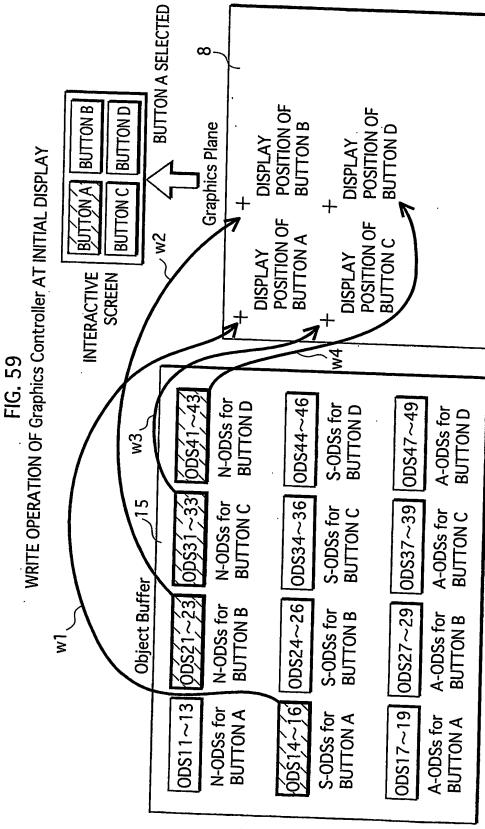




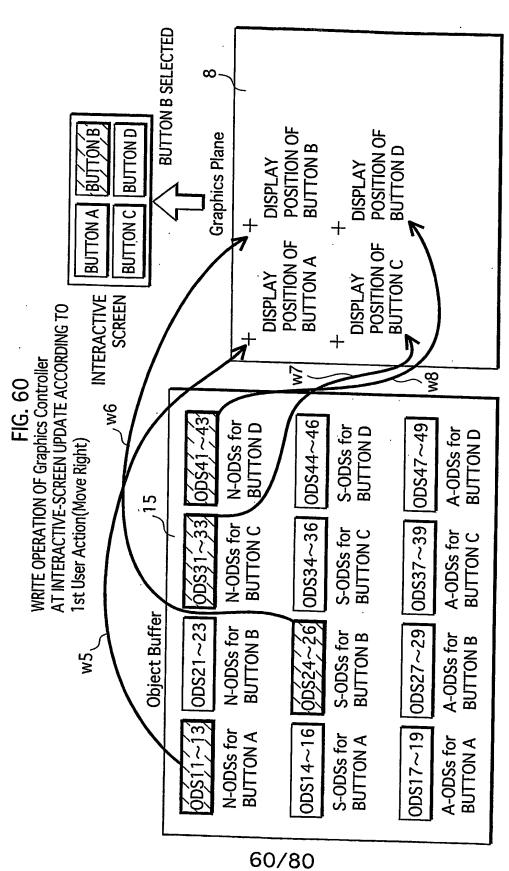




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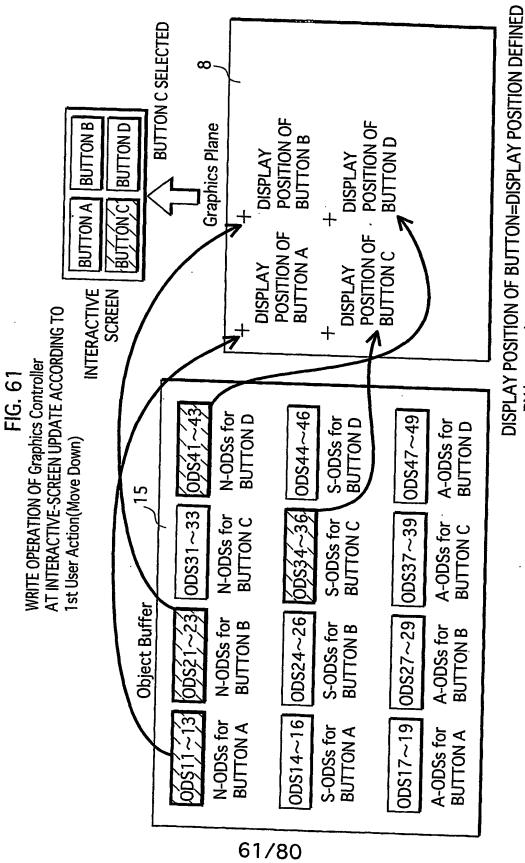
DISPLAY POSITION OF BUTTON=DISPLAY POSITION DEFINED BY button_horizontal position, button_vertical_position OF BUTTON INFORMATION



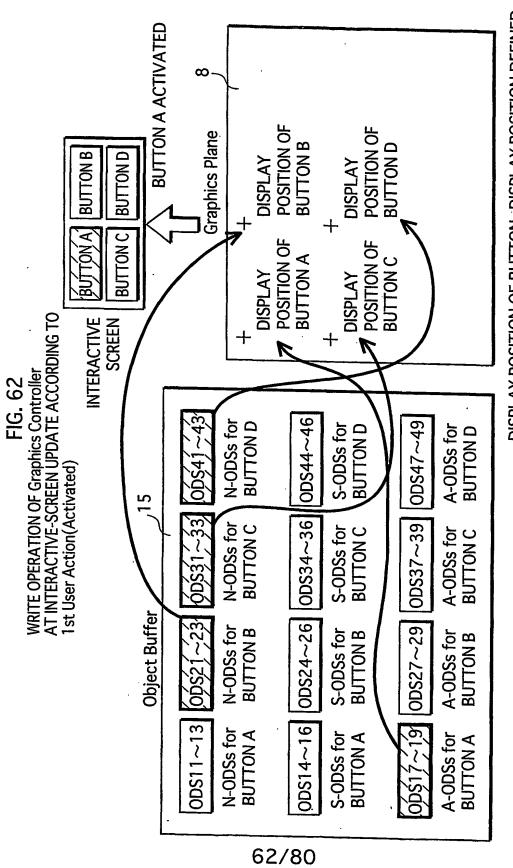
DISPLAY POSITION OF BUTTON=DISPLAY POSITION DEFINED

BY button_horizontal position, button_vertical_position

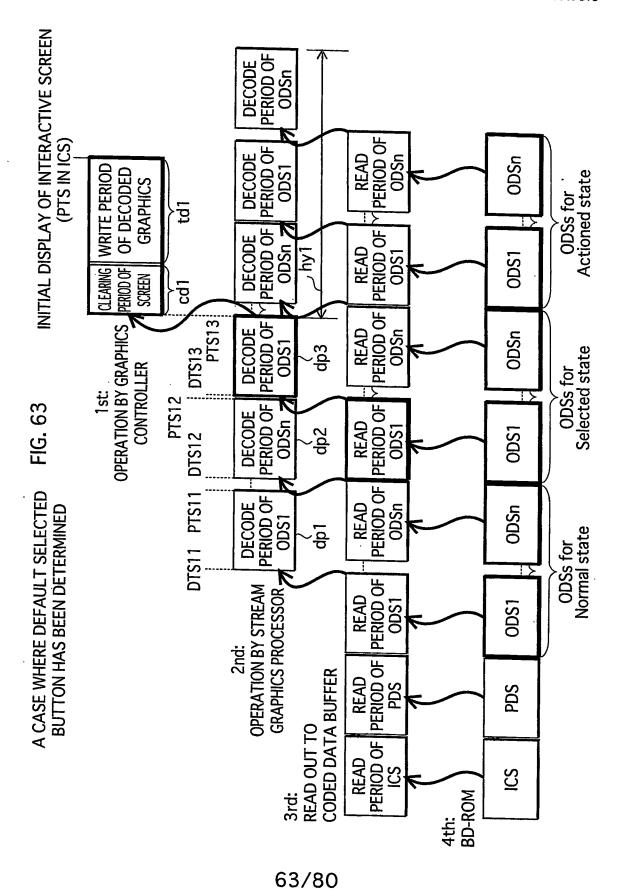
OF BUTTON INFORMATION

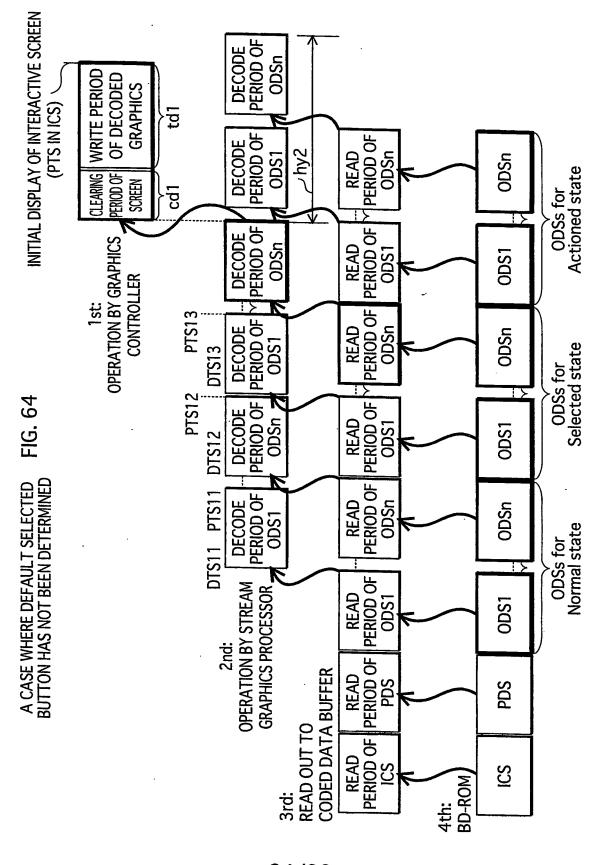


DISPLAY POSITION OF BUTTON=DISPLAY POSITION DEFINED BY button_horizontal position, button_vertical_position OF BUTTON INFORMATION

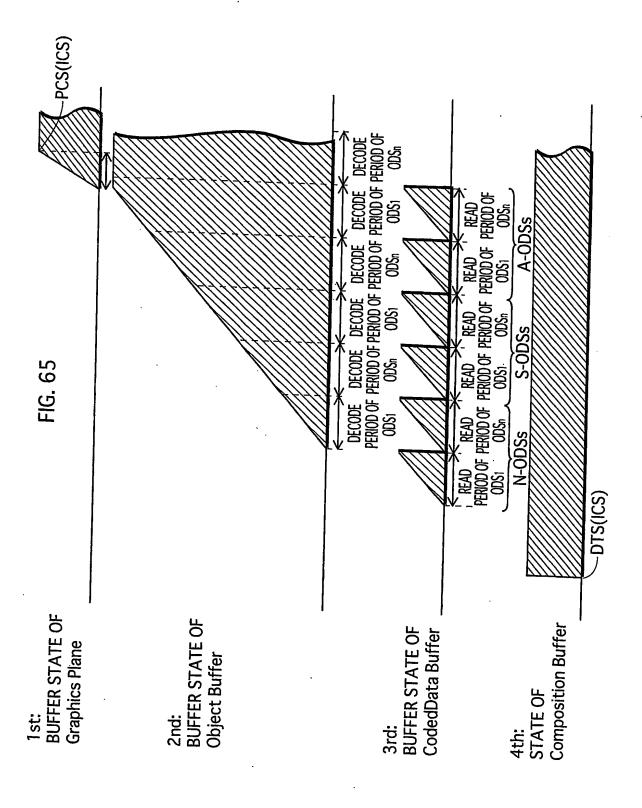


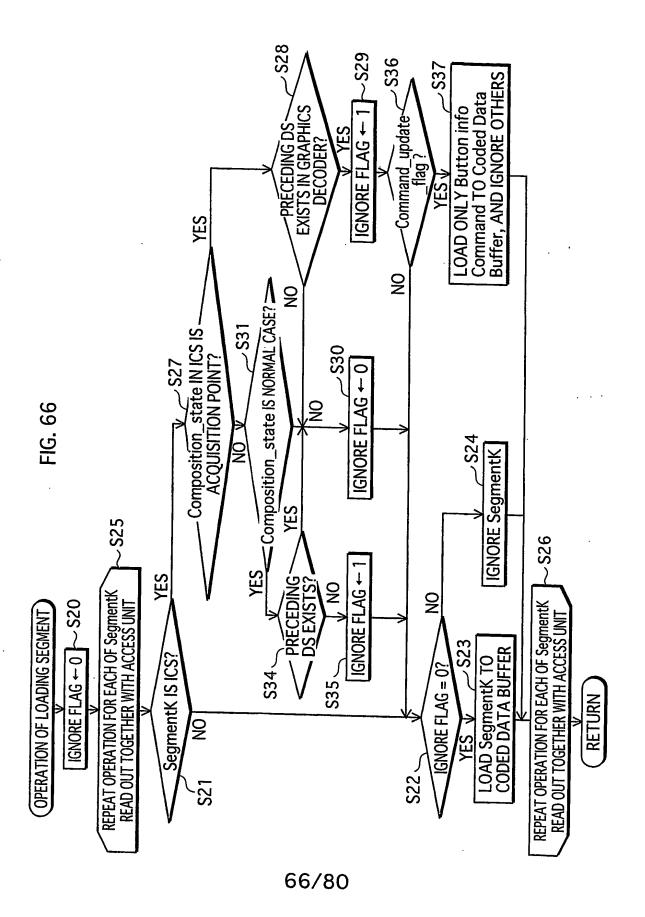
DISPLAY POSITION OF BUTTON≐DISPLAY POSITION DEFINED BY button_horizontal position, button_vertical_position OF BUTTON INFORMATION

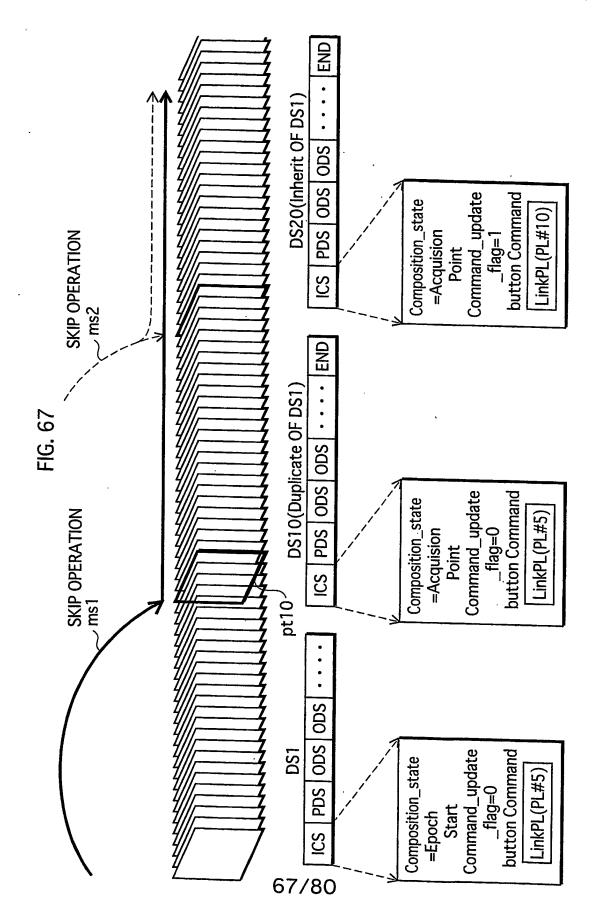




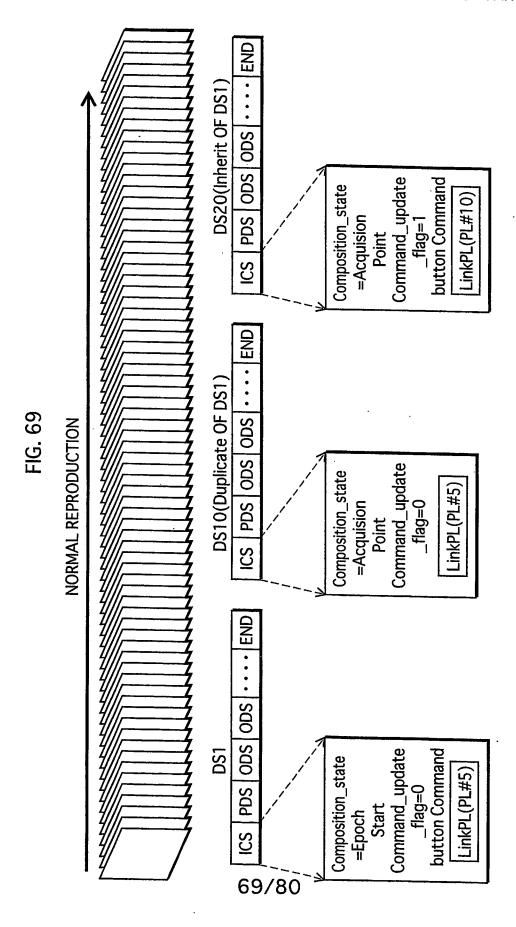
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DS20(Inherit OF DS1) Coded Data Buffer OF REPRODUCTION APPARATUS PDS ODS ODS **DS20** SS DS10(Duplicate OF DS1) DS10(Duplicate OF DS1 PDS ODS ODS FIG. 68 PDS ODS ODS S S SGO SGO DS1 PDS <u>S</u> 68/80



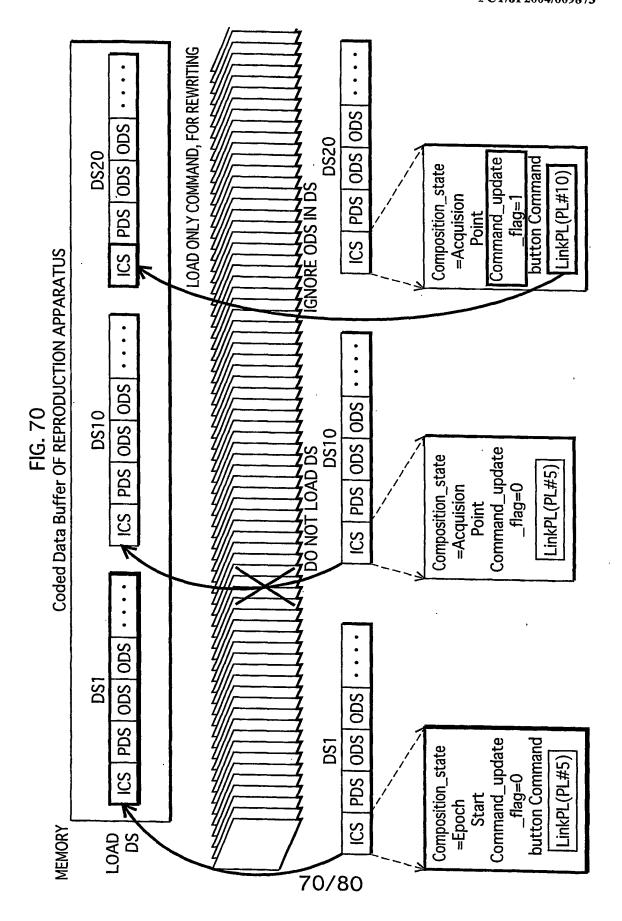
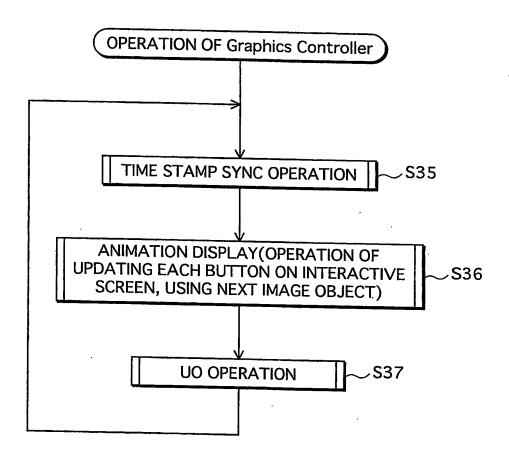
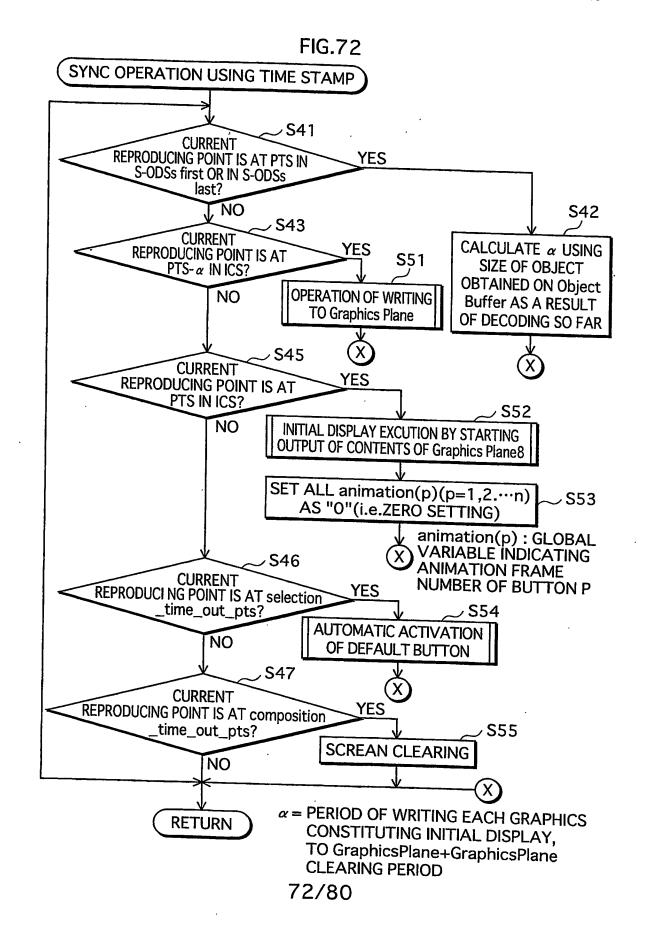
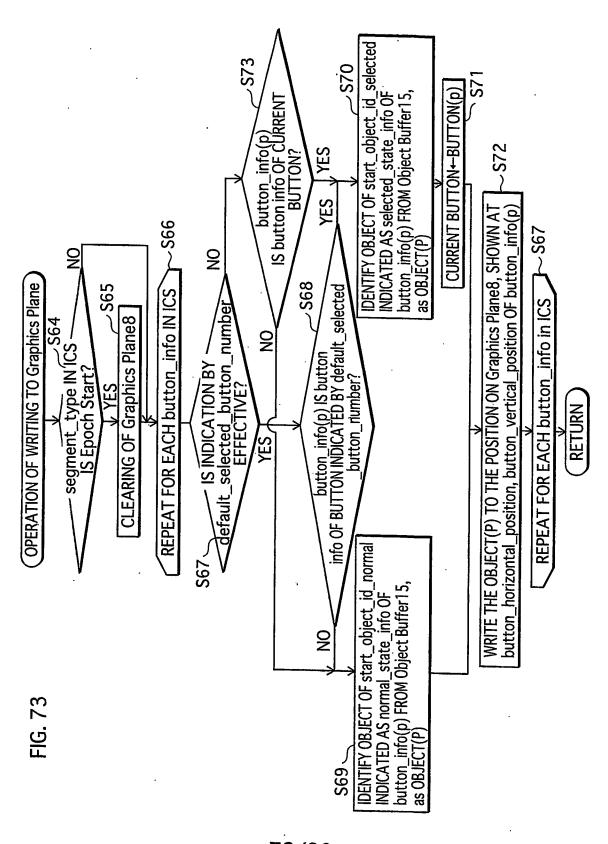


FIG.71



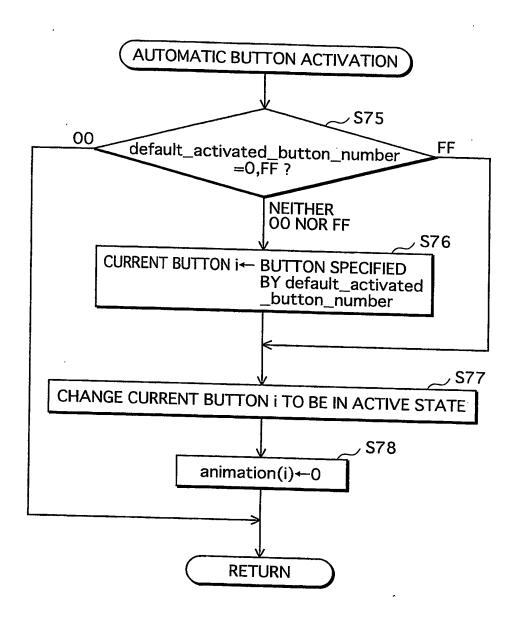
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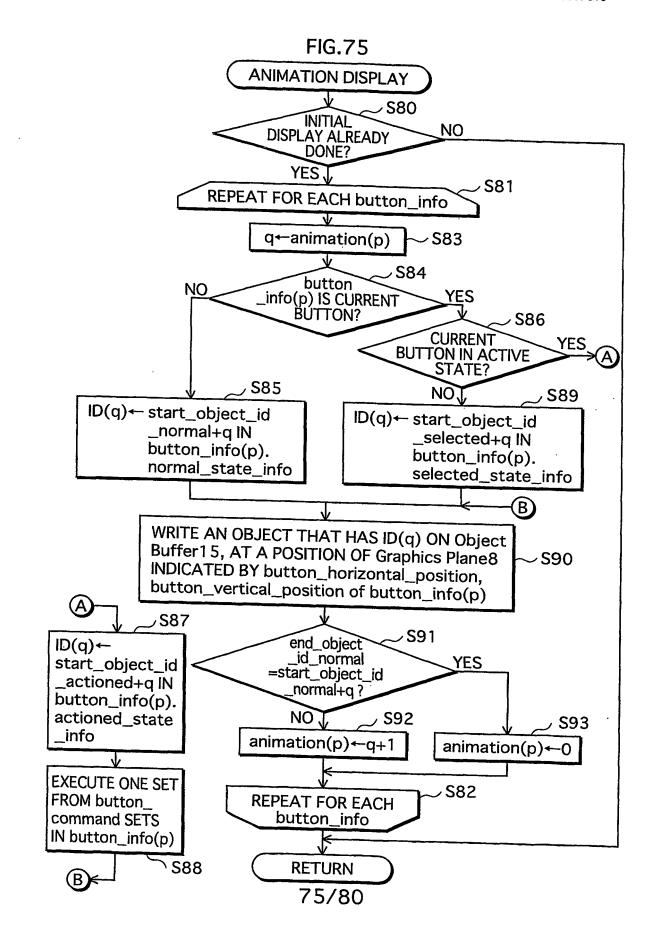




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FIG.74





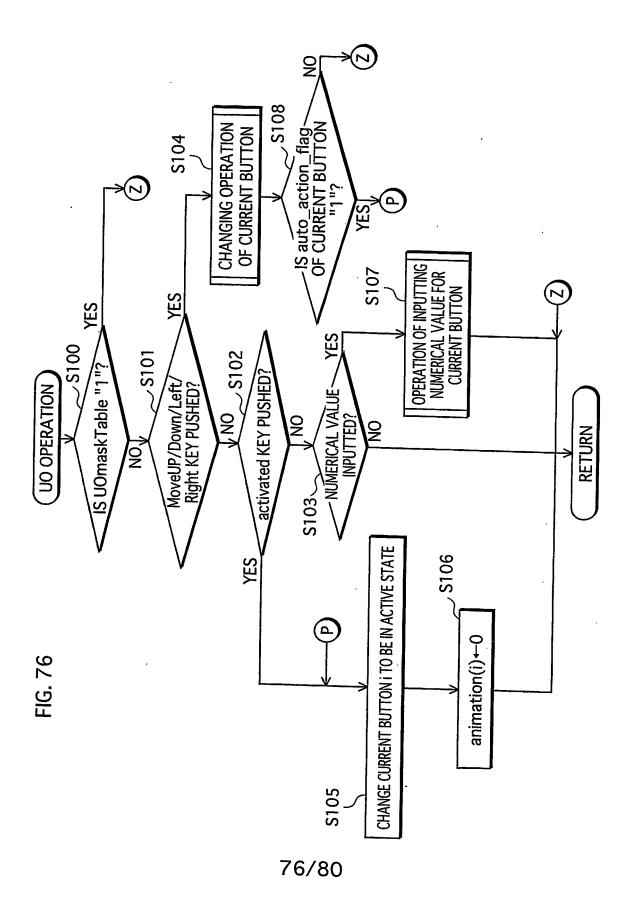


FIG.77

